



Technical specification for products

Title MISTRAL65 / Consumer units IP65

1. STANDARDS, MARKS, APPROVALS

The consumer units shall comply with the following international standards IEC60670; EN60439-3
The consumer units shall have IMQ mark.

2. ELECTRICAL AND MECHANICAL CHARACTERISTICS

The consumer units shall have IP65 protection degree (access of solid foreign objects: dust-tight – ingress of water: jetting).

The resistance to mechanical impacts shall be IK09 (10 joule) and IK08 for the precut parts
The maximum current shall be 63A for 4, 8 and 12 modules and 125A for larger dimensions.

3. ENVIROMENTAL CHARACTERISTICS

The material shall be available in two different versions:

- Thermoplastic GWT 650° halogen free
- Thermoplastic GWT 750°

Heat Resistance: BPT 70°C.

Operating temperature: -25°C/+60°C.

4. FEATURES

The product shall have the following main features:

- The products shall be supplied with accessories to guarantee the double insulation.
- The range shall have the modularity 4-8-12-18-24-36-48-54-72.
- The single module shall be 18mm.
- In the versions with modularity 12 or more, an extra module shall be available by breaking a precut module.
- The frame in the multirow versions shall be removable to make the cabling easier.
- The distance between the DIN rail shall be variable from 150 to 125 mm.
- On the side of the frame some fixing points shall be available for cable ties and for the positioning of cables.
- Door opening shall be 180°
- Doors shall be available in two versions, opaque and transparent Blue Petrol.
- The consumer units colour shall be RAL 7035



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5. ACCESSORIES

The range shall include the following accessories:

- Transparent and opaque spare doors
- Blind panels
- Lock with key
- Sealing kit
- Wall fixing brackets
- Adapter for trunking
- Junction unit
- Metal base plates
- Screwable and screwless terminals (blue and green)
- Module cover 12m